From: Cheryn Robles [crobles@nola.gov]

Sent: 2/28/2019 3:06:14 PM

To: Fife, Greg [fife.greg@epa.gov]; Brozowski, George [brozowski.george@epa.gov]

CC: Keith J. LaGrange [Keith.LaGrange@nola.gov]; Josh W. Hartley [jwhartley@nola.gov]; Joseph W. Threat Sr

[jwthreatsr@nola.gov]; Martin, John [martin.john@epa.gov]; steve.johnson@science.doe.gov

Subject: Follow up City of New Orleans Lowerline and Coolidge

Attachments: AAR Estimate and Proposal to Hard Rock 2018_1102 Rev 0.pdf; AAR ROM Estimate Response to LADEQ 18_0604

Revised.pdf; 1800299-IN.PDF; Inv 7416_3500 Lowerline Radiation Removal Pay App 1.pdf; Notice_Lowerline and

Coolidge_FINAL.PDF

Greg and George,

Thanks again for your assistance. As follow up to our call:

- Attached is AAR's proposal to the state based a verbal request in June 2018, including the DOE Triage Report
 and AAR's Proposal for the Phase 1 work from November 2018. To AAR's knowledge, there was no additional
 assessment performed after the Triage Report.
- 2. Beyond what is in the Triage Report, we are unaware of what equipment was used by DOE.
 - a. Job Coverage
 - i. Ludlum Model 3030 alpha/beta swipe counter
 - ii. Ludlum Model 3 w/ 44-9 alpha/beta/gamma ratemeter
 - iii. Ludlum Model 2360 with 43-89, alpha beta ratemeter/scaler
 - iv. Ludlum Model 2221 w/ 44-10 sodium iodide ratemeter/scaler
 - v. Ludlum Model 19 microR dose ratemeter
 - vi. Ludlum Model 9DP integrating dose ratemeter
 - vii. Thermo/Eberline Model RO-20 dose ratemeter
 - viii. AutoMess 6150 Teletector dose ratemeter
 - b. GPS Survey
 - i. Ludlum Model 2221 w/ 44-10 2x2 sodium iodide ratemeter/scaler
 - ii. Ludlum Model 19 microR dose ratemeter
 - iii. Trimble Nomad GPS
- 3. Re: the notes in the PPT about mili and micro meters being inconsistent. AAR has confirmed they are consistent. When talking about dose rate they use mR/hr (milli-Rem/hour). The only place in the document that micro-R/hr is used is on the meter (phase) which is reading 1400 microR/hr which is approximately equivalent to 1.4 mR/hr.
- 4. On slide 23, there's a metal rod. During the call we discussed there may be a tag on the rod but it wasn't a tag. It's a mounting bracket. While we believe this was contemporary to the source, based on the location and materials of construction, we don't know whether it was part of the source or not. We did not remove it because it extended beyond the excavation. It does extend toward the adjacent area of high contamination.
- 5. We haven't done a quantitative assessment of the people who live/work/go to church in the area but according to social media, the church doesn't seem to have a high following. We're still checking to see if there is a permitted daycare running out of the back of the church. Attached is also the flyer we distributed in December 2018 to let people know our excavation plans. No one expressed concern.
- 6. The invoice for Phase 1 is attached. There is still the pending disposal of the materials excavated during Phase 1. This is pending transfer to the US Ecology landfill.

Cheryn Robles, APR

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